

Existing Guidance

The following requirements are specified in Missouri Law and thus cannot be revised by rule but they can be clarified in the current rulemaking.

1. Sanitary landfills will not be placed in flood areas that will significantly erode final cover.
2. Applicant must request a preliminary site investigation and site must get preliminary approval before advancing to the detailed site investigation or design phase.
3. Public involvement is part of each component of the process.
4. A workplan for conducting a detailed site investigation must be developed by the applicant and approved by the department.
5. The applicant must receive geologic and hydrologic site approval from the department before applying for or obtaining a solid waste disposal permit.
6. The detailed site investigation and report must be completed by the applicant and approved by the department before applying for or obtaining a solid waste disposal permit.
7. Base data must be collected on groundwater quality and quantity before a landfill begins to operate (accepts waste).
8. The applicant must demonstrate compliance with all applicable local planning and zoning requirements.

The following requirements are specified in federal regulation (Subtitle D) and thus are not under consideration in the current rulemaking.

1. Landfills cannot restrict flow in a 100-year floodplain.
2. Landfills cannot be located in or significantly degrade a wetland unless a demonstration shows no adverse impacts.
3. Landfills cannot be located within 200 feet of a Holocene fault unless the application demonstrates structural damage will not result.
4. Landfills cannot be located in a designated seismic impact zone unless an assessment demonstrates that key landfill design features will not be compromised.
5. Landfills cannot be located in unstable areas which may include karst terranes or undermined areas, unless a demonstration assures structural stability.
6. Landfills must not be sited within specified distances of Federal Aviation Administration regulated airports.

While these listings are not comprehensive, we have attempted to summarize portions of the law that impact landfill siting.